

CLAIMS

- 5 1. A method comprising:
obtaining image data;
clipping said image data to obtain clipped image data;
transmitting said clipped image data from a transmitter to a receiver;
and
said receiver scaling said clipped image data for display.
- 10 2. The method of claim 1, wherein clipping said image data further
comprises:
obtaining a clip-list specifying at least one clipping region; and
mapping said at least one clipping region to said image data to
determine said clipped image data.
- 15 3. The method of claim 2, wherein mapping comprises:
determining a nearest pixel in said image data to a location in said at
least one clipping region.
- 20 4. The method of claim 3, wherein determining a nearest pixel is
based on a Euclidean distance.
- 25 5. The method of claim 3, wherein said clipping region comprises a
rectangle and said location comprises a corner of said rectangle.

Sub
B2
6. The method of claim 3, wherein said image data comprises one or more subsampled components, and wherein determining said nearest pixel further comprises:

- 5 determining a set of pixels that each comprise samples from said one or more subsampled components;
- determining said nearest pixel from said set of pixels.

7. The method of claim 2, wherein said at least one clipping region comprises a plurality of clipping regions, and wherein mapping comprises
10 mapping said plurality of clipping regions to a plurality of regions of image data.

8. The method of claim 7, wherein transmitting comprises
15 individually transmitting said plurality of regions of image data.

9. The method of claim 7, wherein scaling comprises
independently scaling said plurality of regions of image data to fill respective regions of a display.

10. The method of claim 9, wherein independently scaling said
20 plurality of regions of image data comprises applying independent scale factors.

11. A computer program product comprising:

a computer usable medium having computer readable code embodied therein for processing image data, said computer program product comprising:

5 computer readable code configured to cause a computer to obtain image data;

computer readable code configured to cause a computer to clip said image data to obtain clipped image data;

computer readable code configured to cause a computer to transmit said clipped image data to a receiver; and

10 computer readable code configured to cause said receiver to scale said clipped image data for display.

12. The computer program product of claim 11, wherein said computer readable code configured to cause a computer to clip said image data
15 further comprises:

computer readable code configured to cause a computer to obtain a clip-list specifying at least one clipping region; and

computer readable code configured to cause a computer to map said at least one clipping region to said image data to determine said clipped image
20 data.

13. The computer program product of claim 12, wherein said computer readable code configured to cause a computer to map comprises:

computer readable code configured to cause a computer to determine a nearest pixel in said image data to a location in said at least one clipping region.

5 14. The computer program product of claim 13, wherein said computer readable code configured to cause a computer to determine a nearest pixel determines a Euclidean distance.

10 15. The computer program product of claim 13, wherein said clipping region comprises a rectangle and said location comprises a corner of said rectangle.

15 16. The computer program product of claim 13, wherein said image data comprises one or more subsampled components, and wherein said computer readable code configured to cause a computer to determine said nearest pixel further comprises:

computer readable code configured to cause a computer to determine a set of pixels that each comprise samples from said one or more subsampled components;

20 computer readable code configured to cause a computer to determine said nearest pixel from said set of pixels.

25 17. The computer program product of claim 12, wherein said at least one clipping region comprises a plurality of clipping regions, and wherein said computer readable code configured to cause a computer to map

comprises computer readable code configured to cause a computer to map said plurality of clipping regions to a plurality of regions of image data.

18. The computer program product of claim 17, wherein said
5 computer readable code configured to cause a computer to transmit comprises computer readable code configured to cause a computer to individually transmit said plurality of regions of image data.

19. The computer program product of claim 17, wherein said
10 computer readable code configured to cause a receiver to scale comprises computer readable code configured to cause a receiver to independently scale said plurality of regions of image data to fill respective regions of a display.

20. The computer program product of claim 19, wherein said
15 computer readable code configured to cause a receiver to independently scale said plurality of regions of image data comprises computer readable code configured to cause a receiver to apply independent scale factors.

21. An apparatus comprising:
20 a server configured to obtain image data and transmit clipped image data over a network;
a receiver configured to receive said clipped image data over said network, said receiver further configured to scale said clipped image data for display.

25

66040" 5326260

22. The apparatus of claim 21, further comprising a clip-list comprising at least one clipping region, wherein said server is configured to map said at least one clipping region to said image data to obtain said clipped image data.

23. The apparatus of claim 22, wherein said server is configured to determine a nearest pixel in said image data to a location in said at least one clipping region.

24. The apparatus of claim 23, wherein said server is configured to determine said nearest pixel based upon a Euclidean distance.

25. The apparatus of claim 23, wherein said at least one clipping region comprises a rectangle and said location comprises a corner of said rectangle.

26. The apparatus of claim 23, wherein said image data comprises at least one subsampled component, and said server is configured to determine said nearest pixel from a set of pixels that each comprise samples from said at least one subsampled component.

27. The apparatus of claim 22, wherein said server is configured to map a plurality of clipping regions to a plurality of regions of image data.

28. The apparatus of claim 27, wherein said server is configured to individually transmit said plurality of regions of image data to said receiver.

3n
5
B5
29. The apparatus of claim 27, wherein said receiver is configured to independently scale said plurality of regions of image data to fill respective regions of a display.

30. The apparatus of claim 29, wherein said receiver is configured to apply independent scale factors to said regions of image data.

10
31. An apparatus comprising:
means for obtaining image data;
means for clipping said image data to obtain clipped image data;
means for transmitting said clipped image data from a transmitter to a
15 receiver; and
means, at said receiver, for scaling said clipped image data for display.

ADD
A.

ADD
E.